

ry ago, when long- at Paris provided with an object glass shall be able once for all to settle the escopes (but with small ob- of unexampled size and power, it is questions of the possibility of people

ders are never delivered or else produce

rder has been conveyed.

ders are never delivered or else produce confusion and delay. The present plan

e old regime the captain took was equipped with a dial like a transmitter,

quite possible that we shall see things dwelling in that world of perpetual the new long-focus telescope on Venus not yet dreamed of, and Summer.

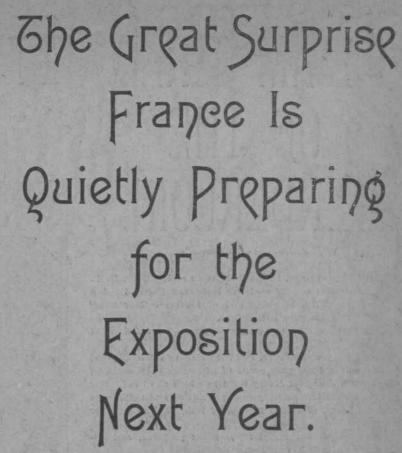
Without any exaggeration I think that the Deloncle telescope gives the Their Guns by Electricity. successful study of the planets Venus, Mars, Jupiter and Saturn, on account as much of its great focal length as of The little disk on every indicator from one deck to another or by the display hip indicating the order "Comof flag signals.

In the heat of battle some of these orthe size of its object glass.

In the moon, too, interesting discoverles are possible with the new tele-

to fire shrapnel the captain will work without danger of misunder-he key for the Second Division, standing or delay until perchance the trans-the key for the shrapnel, and the mitter or the captain has been shot away. Without pressing its powers to the extreme, it ought, in a fair condition or the shraphel, and the indistrict of the captain has been said and or the atmosphere, to the atmosphere, the atmosphere, the atmosphere at the atmosphere, the atmosphere at the atmosphere, the atmosphere at the atmosphere atmosphere at the atmosphere atmosphere at the atmosphere atmosp of the atmosphere, to bear a magnifyas the largest of existing telescopes bears powers one-half as great, and the bridge or in the couning which, however, could send only orders was easy for him to give and order "commence firing," but could direct the gunners to fire at such and landscapes and the wonders of "lunar" orders were not so casy of such an elevation, and the elevations were geology" from a point of view appar-In the noise and smeke and noted on an instrument similar to the inently twice as near as we have hith-

All that Science Has Yet Discovered on Mars



The New Telescope Will Have an Object Glass 4 Feet 1 1-4 Inches in Diameter---Almost 6 Inches Larger Than Any Other in Existence.



Antoniardi's Elaborated Map of Mars,

The Moon Will Throw Upon the Focus an Image 23 5-8 Inches in Diameter-Up to the Present the Focal Image Has Been Magnified Only 4,000 Times-In the Big Telescope of 1900 It Will Be Magnified 6,000 Times. Under Some Circumstances 10,000 Times!

Hundreds of Spectators at Once Will Be Enabled to Observe Celestial Phenomena—The Total Cost of the Telescope Will Be Not Less Than \$280,000.

Western Africa to Blot Out Malaria from the Face

gittle. The orders were either dicator.

t coast of Africa, more than mosquito, yet another danger. The ex-of the world, malaria flour- periments and investigations of Dr. Man- of the malaria microbe. he fashion to call it minsjungle fever, swamp fever. ly transmit a parasite known as Filaria
anything, in short, but what

Senguinis Hominis (the thread-worm of to be almost devoid of red corpuscies.

When the blood of a person who has or mosquitoes. Moreover, the microb
nied of malaria is examined it is found been found plentifully in water.

Now, the mosquito is distinctly a very the blood of man).

who commands the expedi- This parasite inhabits the lymphatic the blood, ian who has laid down the glands of man and is the cause of that Opinions differ as to whether mosquitoes

other persons with those germs. In addisseen that the hollow skin of what was for moving about. He argues that the mitter, resting on a convenient bit of grass, then to this there is, in the bite of a crosses her last pair of legs and pro-

probably there would be no natives around Sierra Leone suffer much get it after having bitten a person aftis because maiaria is from this complaint, which is incurable. feeted with the disease. This is one of probably there would be no is because maiaria is because maiaria is because maiaria is microbe which is carried microbe which is carried room to person by the most or person by the most in the mosquito which is incurable.

The malarla germ feeds on the contents the questions which the expedition to person by the most of the rod corpuscle in the human blood.

The malarla germ feeds on the contents the questions which the expedition to it is only the female mosquito which the mosquito has get it after naving of the mosquito, in fact, is a harmless insect.

The malarla germ feeds on the contents the questions which the expedition to the questions which the expedition to sucks human blood.

West Africa expects to clear up. Major sucks human blood which the mosquito has got have fill of the mosquito which the mosquito which is incurable.

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West Africa expects to clear up. Major sucks human blood which the mosquito has got have fill of the mosquito in fact, is a harmless insect.

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The malarla germ feeds on the contents the mosquito which the mosquito is the mosquito in fact, is a harmless insect.

The malarla germ feeds on the contents the mosquito which is incurable of the feed with the disease. This is one of the mosquito in fact, is a harmless insect.

The malarla germ feeds on the contents the mosquito whi then fly off and inoculate examined under a microscope, it can be ject what are virtually legs and use them life-she makes her way to the water and there drop into the water a number of chrysalis rises to the top of the water and

to live a life outside either human beings legs.

Insect. The male mosquito, indeed, seldom water and then proceeds to stick other most of this part of his existence in this done it is ready to fly away and to drink house the vicinity of water. He can be eggs around this nucleus until she has position. By means of a very excellent distinguished by his bushy head and the constructed a little hollowed boat of eggs. there were no mosquitoes curious disease called elephantiasis. The are born with malaria or whether they entire absence of the barbed dart with containing about 300 embryo mosquitoes. on such rubbish and decaying matter as probably there would be no natives around Sierra Leone suffer much get it after having bitten a person af which his partner sucks blood. The male Having completed her little boat of eggs is suspended in the water.

or mosquitoes. Moreover, the microbe has

The eggs are sticky and hang together.

been found plentifully in water.

When she has laid about twenty five the

Now, the mosquito is distinctly a water mosquito lets them down gently into the

on his head to breathe, and, in fact, passes

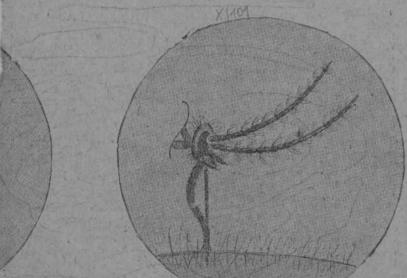
with those legs if it were not often obliged coeds to lay eggs in the fork made by her very much, but they are exceedingly curi-

It lives as a grub for a few weeks and

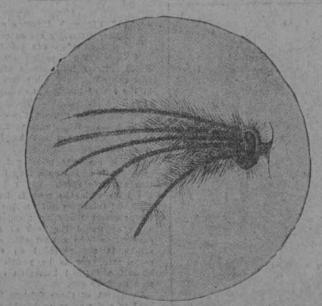
splits itself down the back. From the very much, but they are exceedingly curious things. Though living in water they
mosquito lets them down

very much, but they are exceedingly curious things. Though living in water they
mosquito with the starch out," however,
inhale air through a little tube in their
and it has to balance itself on the
mosquito lets them down. stiffens its wings. When this has been done it is ready to fly away and to drink

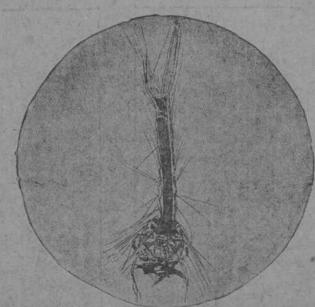
> Major Ross, as has been said, has estab-lished the fact that there are malaria germs in water in which mosquito gruba live. It therefore follows, he thinks that the grubs are full of the same microbe that the chrysalis also contains them, and that they are abundantly present in the blood by the insect's bite.



This Is the Way a Mosquito Sucks Blood from the Hand.



He Cannot Bite,



This is the Beard of the Harmless Male Mosquito. The Grub, Which Lives in Malarial Water and Becomes a Mosquito.



How a Mosquito Chrysalis Looks Before It Grows Its

The Lancet Sheath Bends Up.